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Public Health Emergency Officer (PHEO) COVID-19 Conditions Assessment Update

28 MAY 2020





- Monterey County Health Department Readiness Stage 2 Variance #2 Readiness Criteria Summary
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- Presidio of Monterey and Surrounding Area Conditions Assessment
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 - Influenza-Like Illness (ILI) & COVID-19-Like Illness (CLI) Trends
 - Capacity to Treat
 - Capacity to Test
 - Capacity to Monitor
 - Criteria Summary



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Monterey County Health Department Readiness Stage 2 Variance #2 Readiness Criteria

Monterey County Stage 2 Variance #2 Readiness Criteria (1/2)

Criteria	Measure #1	Measure #2	Measure # 3	Measure #4	Status
Epidemiologic Stability of COVID-19	Stable/decreasing number of COVID-19 hospitalizations: 7-day average of daily percent change in total hospitalized confirmed COVID-19 patients $\leq 5\%$ OR	<20 confirmed COVID-19 hospitalized on any single day over the past 14 days AND	14-day cumulative COVID-19 incidence of <25 cases/100,000 OR	Test positivity rate over last 7 days <8%	Measure #1: MET (-0.2%) Measure #2: MET (11) Measure #3: NOT MET (28.6) Measure #4: MET (2.3%)
Protection of Essential Workers	Guidance has been provided for employers and essential critical infrastructure workplaces on how to structure the physical environment to protect essential workers AND	Description of availability of supplies to protect essential workers and how availability is assessed	n/a	n/a	Measure #1: MET Measure #2: MET
Testing Capacity	Minimum daily testing capacity to test 1.5 people per 1,000 residents AND	Testing availability for $\geq 75\%$ of residents measured by testing sites within 30 min driving time in urban areas and 60 min in rural areas AND	Provide COVID-19 surveillance plan including testing strategy		Measure #1: MET (1.6) Measure #2: MET (88% Urban; 95% Rural) Measure #3: MET
Containment Capacity	At least 15 staff per 100,000 residents trained & available for contact tracing (65) AND	Availability to temporarily shelter $\geq 15\%$ of county residents experiencing homelessness	n/a	n/a	Measure #1: Partially MET (44) with plan to meet Measure #2: MET (46%)
Hospital Capacity	Hospital capacity to accommodate COVID-19 patients at volume $\geq 35\%$ of baseline average daily census AND	Hospitals have robust plan to protect hospital workforce	n/a	n/a	Measure #1: MET (829 beds including 148 ICU) Measure #2: MET
Vulnerable Populations	Plan to prevent & mitigate COVID-19 infections in Skilled Nursing Facilities (SNFs) AND	SNFs >14-day supply of PPE with established process for procurement from non-state supply chain	n/a	n/a	Measure #1: MET Measure #2: Partially MET (78%) with plan to meet



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Monterey County Stage 2 Variance #2 Readiness Criteria (2/2)

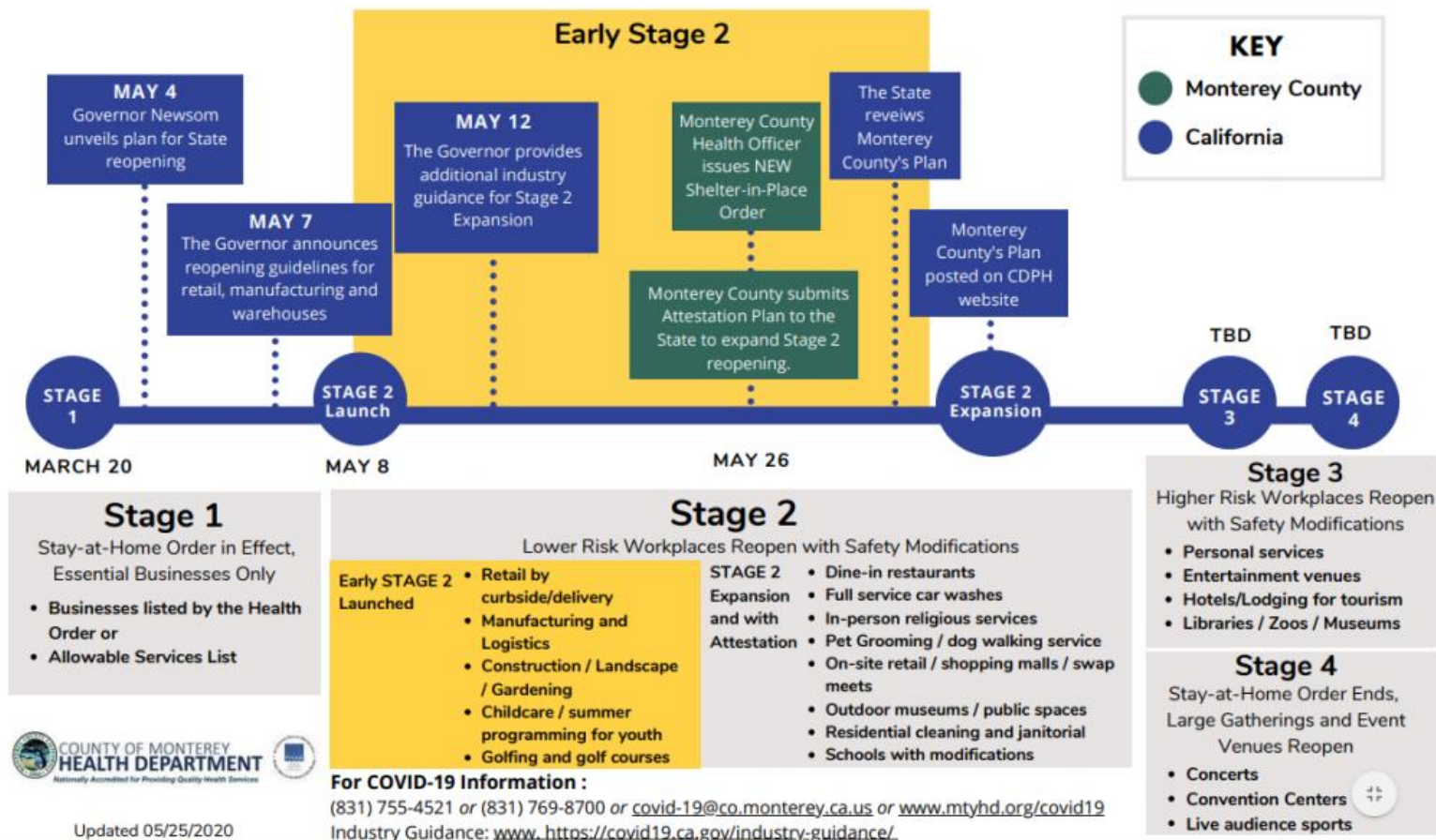
Criteria	Measure	Status
Sectors and Timelines	Details of plan to move through Stage 2 with which sectors & spaces will be opened, in what order, and on what timeline	MET
Triggers for Adjusting Modifications	County metrics that serve as triggers for slowing the pace through Stage 2 or tightening modifications	MET
COVID-19 Containment Plan	To include: <ul style="list-style-type: none">• Testing• Contact Tracing• Living and Working in Congregate Settings• Protecting the Vulnerable• Acute Care Settings• Essential Workers• Special Considerations• Community Engagement• Relationship to Surrounding Counties	MET



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Monterey County Stage 2 Variance #2

WHAT'S NEXT FOR BUSINESS REOPENING?





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Presidio of Monterey and Surrounding Area Conditions Assessment



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OSD/HQDA Policy Overview

Governing Policies:

- **HEADQUARTERS, UNITED STATES DEPARTMENT OF THE ARMY (HQDA) EXORD 210-20 CORONAVIRUS (COVID-19) TRANSITION FRAMEWORK, 26 MAY 2020**
 - Conditions-Based transition framework to ease restrictions on an installation
- **The Office of the Secretary of Defense (OSD) Memo, 19 MAY 2020, Guidance for Commanders on Risk-Based Changing of Health Protection Condition Levels During the Coronavirus Disease 2019 Pandemic**
 - Gating criteria required to change installation HPCON level
- **OSD Memo, 22 MAY 2020, Transition to Conditions-based Phased Approach to Coronavirus Disease 2019 Personnel Movement and Travel Restrictions**
 - Conditions to resume unrestricted travel based on state and/or regional criteria and installation-level criteria based on conditions in and surrounding installation



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OSD/HQDA Gating Criteria

- 1. Local Case Rate or % Positive COVID-19**
- 2. Influenza-Like Illness (ILI) and COVID-19 Like Illness (ILI) Trends (OSD Only)**
- 3. Capacity to Treat**
- 4. Capacity to Test**
- 5. Capacity to Monitor**



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1. Local Case Rate



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Local Case Rate Summary



COVID-19 Positive Case Rate:

Downward trajectory of new documented COVID-19 positive cases within a 14-day period

NOT MET/AMBER: Monterey County sustained steady number cases over the past 7 days but increased cases over past 14 days; Tri-County increased cases over past 7 and 14 days.

OR

COVID-19 Positive Test Rate:

Downward trajectory of new COVID-19 positive tests as a percent of total tests within a 14-day period

MET/GREEN: 15 days downward trajectory for both Monterey County and Tri-County

Green = Sustained reduction of COVID-19 positive case rate AND/OR COVID-19 positive test rate for 14 or more days

Amber = Sustained reduction of COVID-19 positive case rate AND/OR COVID-19 positive test rate from 7 to 13 days

Red = Sustained reduction of COVID-19 positive case rate AND/OR COVID-19 positive test rate from 0-6 days

Governing Policies:

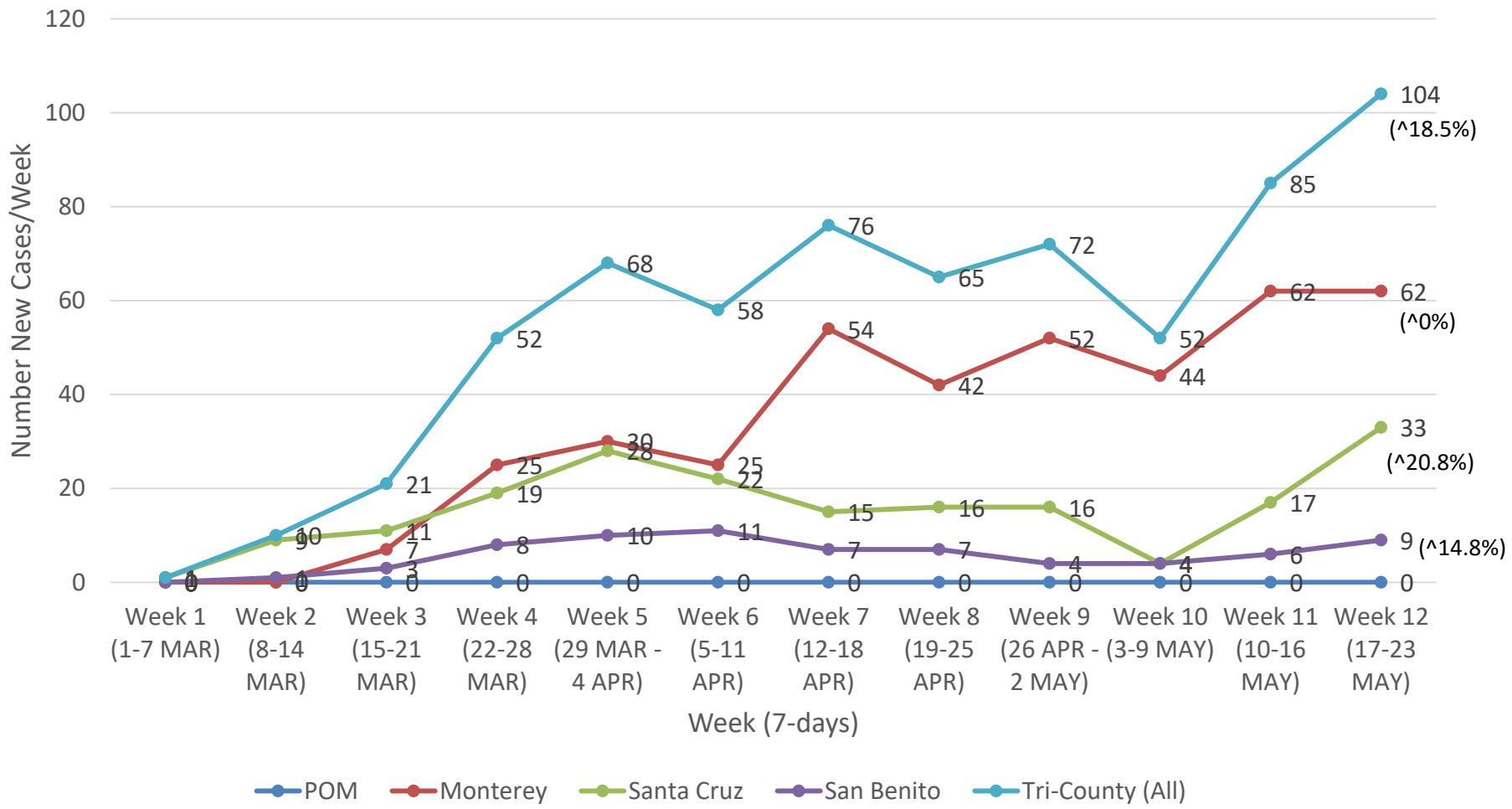
- (1) HQDA EXORD 210-20 CORONAVIRUS (COVID-19) TRANSITION FRAMEWORK, 26 MAY 2020
- (2) OSD Memo, 19 MAY 2020, Guidance for Commanders on Risk-Based Changing of Health Protection Condition Levels During the Coronavirus Disease 2019 Pandemic
- (3) OSD Memo, 22 MAY 2020, Transition to Conditions-based Phased Approach to Coronavirus Disease 2019 Personnel Movement and Travel Restrictions



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Tri-County Weekly New Case Counts

Tri-County COVID-19 Cases

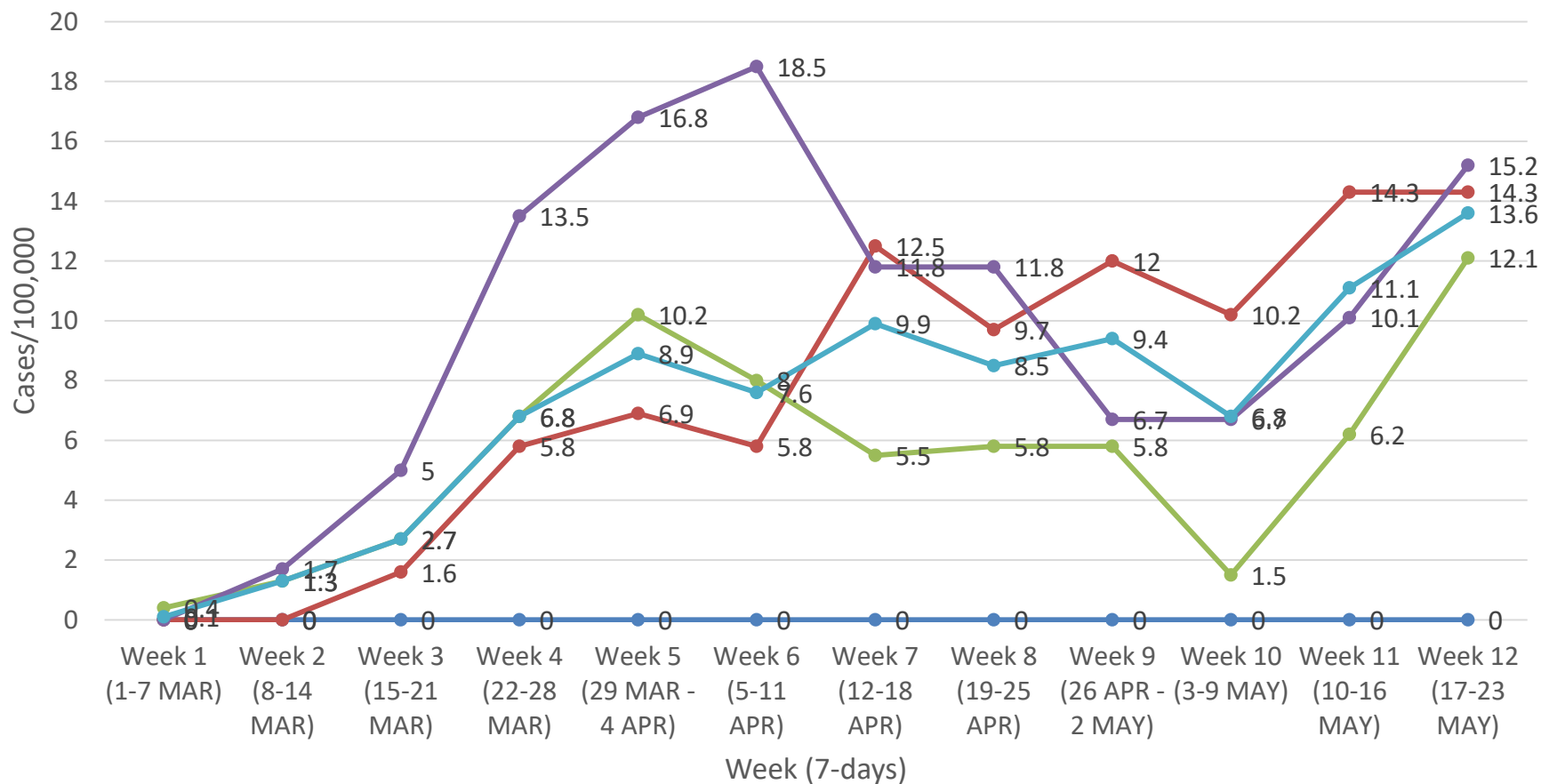




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Tri-County Weekly New Cases/100,000

Tri-County COVID-19 Weekly New Cases/100,000



Total Population = 766,393

Monterey County Population = 433, 212

Santa Cruz County Population = 273,765

San Benito County Population = 59,416

Population Data Source: Center for Applied Research and Engagement Systems (CARES); 2020

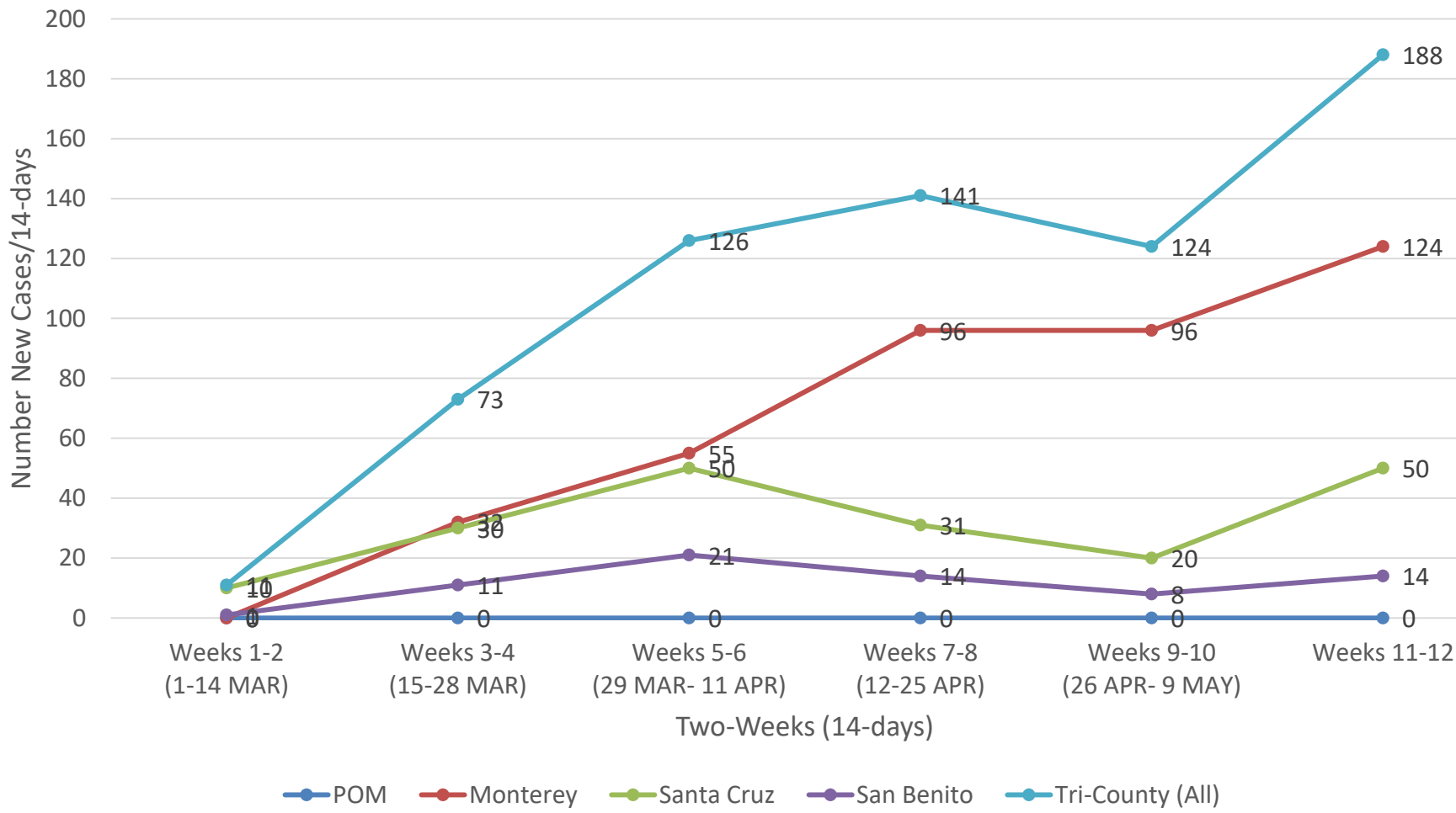
—●— POM —●— Monterey —●— Santa Cruz —●— San Benito —●— Tri-County (All)



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Tri-County 14-Day Case Counts

Tri-County COVID-19 Cases

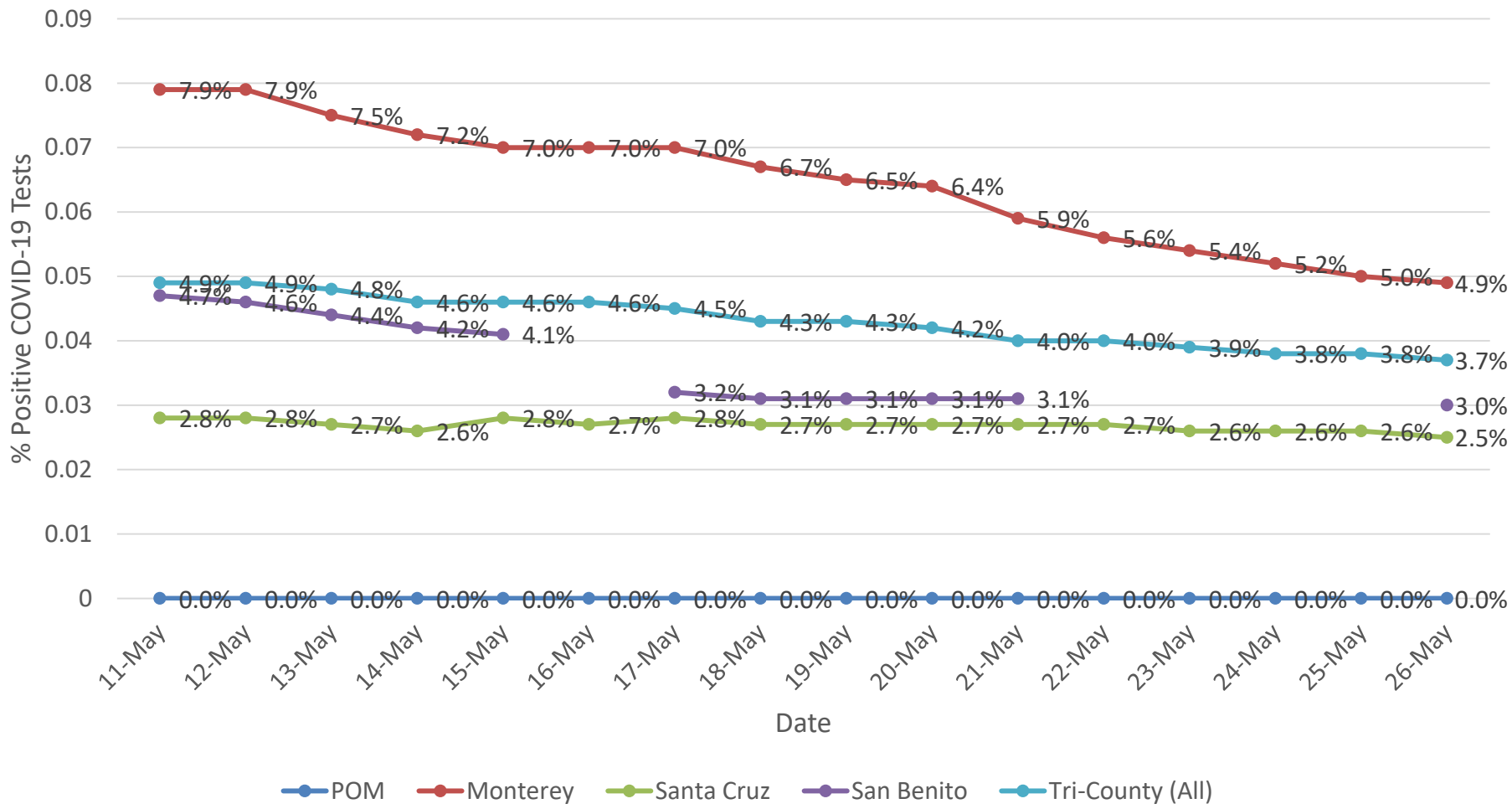




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Tri-County % COVID-19 Positive (Cumulative)

Tri-County Cumulative COVID-19 % Positive





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2. Influenza-Like Illness (ILI) & COVID-19-Like Illness (CLI) Trends



Influenza-Like Illness (ILI) and COVID-19 Like Illness (CLI): Downward trajectory of reported cases of ILI and CLI over the preceding 14-day period.

MET: Local: number of patients to Respiratory Clinic have trended downwards over past 14 days; CA: is reporting minimal ILI activity; Nationally: visits to outpatient providers and emergency departments (EDs) for illnesses with symptoms consistent with COVID-19 continued to decline. Outpatient ILI visits are below baseline nationally and in all regions of the country.

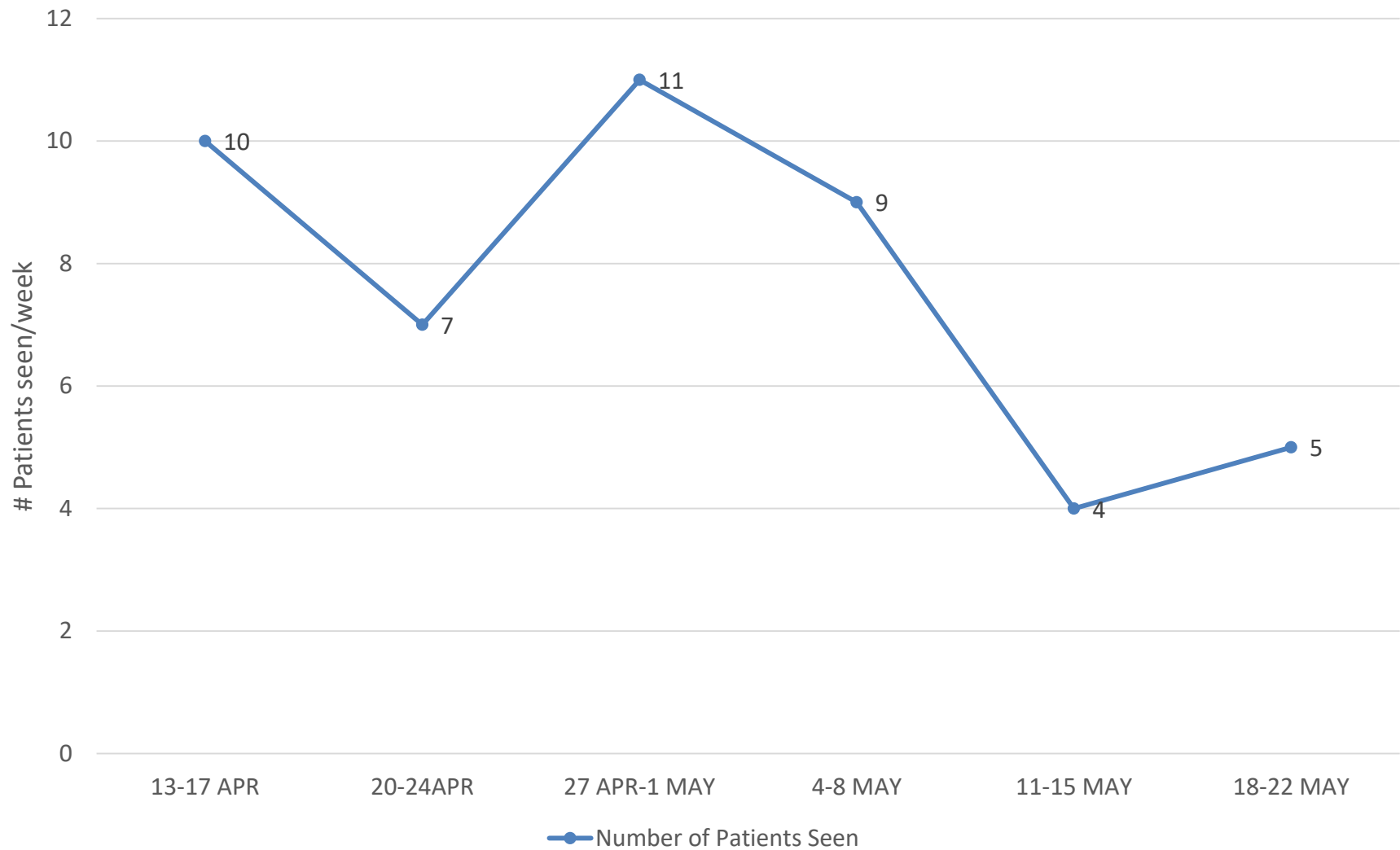
Governing Policies:

- (1) OSD Memo, 19 MAY 2020, Guidance for Commanders on Risk-Based Changing of Health Protection Condition Levels During the Coronavirus Disease 2019 Pandemic
- (2) OSD Memo, 22 MAY 2020, Transition to Conditions-based Phased Approach to Coronavirus Disease 2019 Personnel Movement and Travel Restrictions



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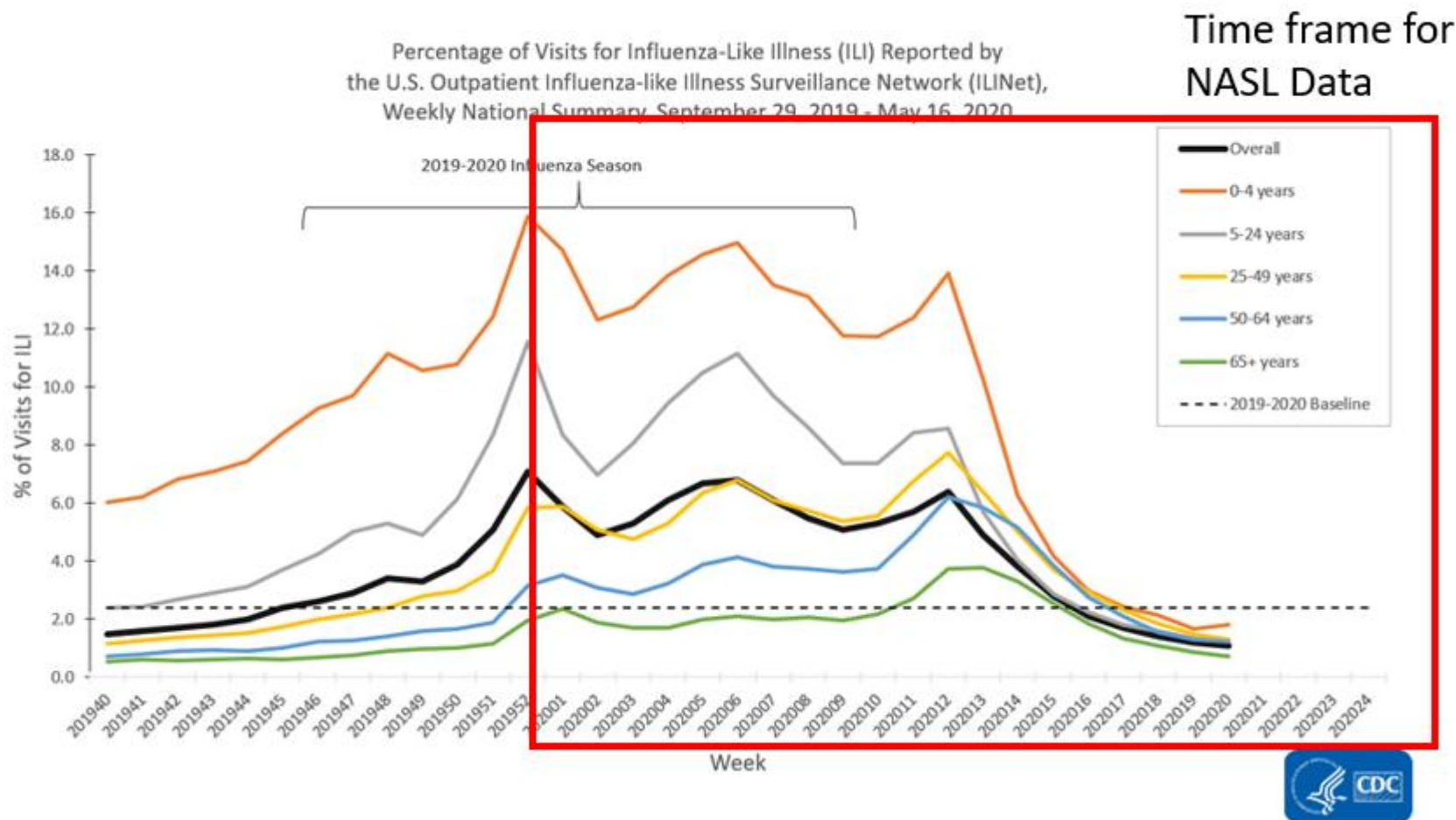
CAL MED Respiratory Clinic





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National Influenza-Like Illness (ILI)





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ILI/CLI (CA and U.S.)

- Nationally, visits to outpatient providers and emergency departments (EDs) for illnesses with symptoms consistent with COVID-19 continued to decline. Outpatient ILI visits are below baseline nationally and in all regions of the country.
 - The decrease in the percentage of people presenting for care with ILI and COVID-Like Illness (CLI) may be due to a decline in COVID-19 illness, which could be in part a result of widespread adoption of social distancing in addition to changes in healthcare seeking behavior.
 - There has been very little influenza virus activity in recent weeks.
- CA is reporting minimal ILI activity
- Mortality due to Pneumonia, Influenza, and COVID (PIC) are still above epidemic threshold but decreasing for 4 straight weeks.



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3. Capacity to Treat



Capacity to Treat:

Military Medical Treatment Facilities (MTFs) and associated civilian healthcare networks ability to treat all patients requiring hospitalization. Reliable supply chain exists to support PPE requirements.

NOT MET/AMBER: 3.2 ICU beds /10K adult population.

Monterey County reported that they have the capacity to accommodate COVID-19 patients at a volume of $\geq 35\%$ of baseline average daily census (829 beds, including 148 ICU); local hospitals have robust plan to protect hospital workforce.

Green = Ability to expand to 6 or more ICU beds/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals

Amber = Between 3 and 5 ICU beds/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals

Red = 2 or less ICU beds per/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals

Governing Policies:

(1) HQDA EXORD 210-20 CORONAVIRUS (COVID-19) TRANSITION FRAMEWORK, 26 MAY 2020

(2) OSD Memo, 19 MAY 2020, Guidance for Commanders on Risk-Based Changing of Health Protection Condition Levels During the Coronavirus Disease 2019 Pandemic



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4. Capacity to Test



Capacity to Test:

Capacity exists to test individuals with COVID-19 symptoms and other at risk populations. Testing requirements are defined as the number of tests needed to perform over a given timeframe. Testing capacity is a combination of installation and surrounding community testing throughput capacity.

MET/GREEN: Testing capacity exceeds requirement to test, Monterey County testing has increased 40.9% over past 7 days and 279% over past 14 days. Monterey County has the ability to test 1.6/1K daily; POM has the ability to test 8/1K daily.

Green = Capacity to test exceeds the daily requirement to test

Amber = Capacity to test meets the daily requirement to test

Red = Testing requirement exceeds capacity

Governing Policies:

- (1) HQDA EXORD 210-20 CORONAVIRUS (COVID-19) TRANSITION FRAMEWORK, 26 MAY 2020
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5. Capacity to Monitor



Capacity to Monitor:

Installation's ability to contact trace, and monitor the symptoms of individuals who have been identified as positive for COVID-19, and the ability to monitor those in quarantine and isolation.

MET/GREEN: Both POM and Monterey County Health Department have sufficient contact tracing and monitoring capability. (POM 4/10K; MCHD 1/10K [44 contact tracers] with plan to expand to 1.5/10K [65] in the next week)

Green = Both installation and local public health authorities (or combination of the two) have sufficient contact trace, and monitoring capability

Amber = Either installation or local public health authorities have sufficient contact trace, and monitoring capability

Red = Neither installation nor local public health authorities have sufficient contact trace, and monitoring capability

Governing Policies:

- (1) HQDA EXORD 210-20 CORONAVIRUS (COVID-19) TRANSITION FRAMEWORK, 26 MAY 2020
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OSD/HQDA Gating Criteria Summary

Condition	Criteria	Status
1. Local Case Rate	Downward trajectory of new documented COVID-19 positive cases within a 14-day period (NOT MET) OR Downward trajectory of new COVID-19 positive tests as a percent of total tests within a 14-day period (MET)	MET
2. Influenza-Like Illness (ILI) and COVID-19 Like Illness (CLI)	Downward trajectory of reported cases of ILI and CLI over the preceding 14-day period.	MET
3. Capacity to Treat	Military Medical Treatment Facilities (MTFs) and associated civilian healthcare networks ability to treat all patients requiring hospitalization. Reliable supply chain exists to support PPE requirements.	NOT MET
4. Capacity to Test	Capacity exists to test individuals with COVID-19 symptoms and other at risk populations. Testing requirements are defined as the number of tests needed to perform over a given timeframe. Testing capacity is a combination of installation and surrounding community testing throughput capacity.	MET
5. Capacity to Monitor	Installation's ability to contact trace, and monitor the symptoms of individuals who have been identified as positive for COVID-19, and the ability to monitor those in quarantine and isolation.	MET



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Way Forward

- Continue to monitor local, state, and national data and trends
- Senior Leadership will make decisions on reducing restrictions/HPCON changes
- Expect evolving policy guidance and changes



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Questions?

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